


**REGENERATIVE MONOSET PUMPS**

 Approximate Performance Data at 1440 RPM 200-240 Volts Single Phase 50Hz, A.C. Supply  
**DSM SERIES / HIGH SPEED SUCTION MONOBLOCK PUMPSETS**

PUMP MODEL	KW	HP	TYPE	PUMP SIZE (IN MM)	SUCTION LIFT (IN METRES)	TOTAL HEAD IN METRES/ FEET										
						5	10	15	20	25	30	35	40	45	50	
						18	33	49	66	87	100	118	130	145	163	
DISCHARGE IN LITRES PER HOUR																
DMS 2 / DMS 2E	0.37	0.5	SELF PRIMING	25X25	8.0	2820	2400	2150	1750	1250	600	0				
DMS 3	0.75	1.0	SELF PRIMING	25X25	8.0	3750	3600	3100	2700	2250	1700	1400	600	0		
HSM 101	0.37	0.50	SELF PRIMING	25X25	8.0	2400	2100	1920	1680	1560	1460	1320	1250	1200	1050	0
HSM 103	0.37	0.50	SELF PRIMING	25X25	8.0	2800	2650	2550	2300	2150	2050	1800	1650	1550	1080	0

**Note :**

- ⇨ The performance data are based on rated supply voltage mentioned in the name plate
- ⇨ Pipe friction losses are not included.
- ⇨ Total Head = suction head + Delivery head + Friction losses in the pipes + Bends, Elbows 'T's etc.
- ⇨ The self-priming time depends upon the static suction and installation conditions.
- ⇨ In view of continuous developments, the informations / descriptions / specifications are subject to change without notice.
- ⇨ The pipe sizes mentioned in mm are nearest conversion of inches. Actual pipe threads are as per BSP Standard.

Conversions :      1 Metre = 3.28 Feet                  1 Inch = 25.4 mm                  1 Imperial gallon = 4.546 litres